

CLAIMS:

This listing of Claims will replace all prior versions, and listings, of Claims in the application.

1-13. (Canceled)

14. (Currently Amended) A system for rendering input image data formatted for a first colored subpixel layout onto a display panel comprising a second colored subpixel layout comprising a repeating group of colored subpixels and wherein said first subpixel layout is different from some of said second subpixel layout, said system comprising:

an input means for accepting input image data formatted for said first colored subpixel layout;

a subpixel rendering engine for remapping the input image data into output data formatted for said second colored subpixel layout;

a channel formatter for effectively ordering said output data such that a timing scheme is affected to map said input image data formatted for said first colored subpixel layout onto said output data formatted for said second colored subpixel layout; and

a means for outputting the data formatted by said channel formatter to said display panel,

wherein said subpixel repeating group further comprises at least one column having more than one color.

15. (Currently Amended) The system of [[Claim]]claim 14, wherein said system further comprises a gamut mapping system for remapping the image data in a first colored subpixel data format into said second colored subpixel data format wherein said first colored subpixel data comprises data in a first set of primary colors and said second colored subpixel data format comprises data in a second set of primary colors.

16. (Currently Amended) The system of [[Claim]]claim 14, wherein the channel formatter formats said output data according to the number of channels available to the display controllers.

17. (Original) The system of [[Claim]]claim 16, wherein the channel formatter adds dummy image data to the valid output data set.